MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

June 1949

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

JUNE 1949

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degrees Centigrade					
	8.30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	56.1	59.3	60.0	58.5	28.4	18.4	24.9	27.2	21.1	24.4
2	60.3	61.0	0.2	60.5	28.7	20.1	23.3	26.6	21.7	23.9
3	58.7	58.3	58.2	58.4	30.6	23.8	28.4	29.9	24.2	27.5
4	7.5	8.1	9.5	8.4	31.4	20.2	29.6	30.4	24.1	28.0
5	61.7	61.5	62.3	61.8	27.9	19.2	25.5	26.6	21.6	24.6
6	62.2	61.5	61.6	61.8	28.3	19.4	24.3	25.5	21.3	23.7
7	0.3	59.7	59.9	0.0	28.9	19.8	24.9	27.7	22.4	25.0
8	0.3	60.1	60.0	0.1	28.1	21.0	25.6	26.9	22.3	24.9
9	59.6	58.8	58.5	59.0	28.7	20.5	25.5	26.5	21.9	24.6
10	8.3	7.8	8.2	8.1	28.4	17.9	25.2	26.8	21.7	24.6
11	58.1	58.0	58.4	58.2	29.0	19.7	24.9	28.3	21.7	25.0
12	9.2	9.4	60.0	9.9	29.9	20.1	25.5	28.8	21.7	25.3
13	60.6	60.0	0.1	60.2	29.9	21.1	25.6	29.4	23.0	26.0
14	59.2	58.3	58.0	58.5	30.6	21.8	26.1	29.7	23.9	26.6
15	7.8	8.0	8.3	8.0	31.0	20.5	26.1	30.1	23.6	26.6
16	58.3	57.7	57.4	57.8	29.7	22.1	25.5	28.3	22.7	25.5
17	6.8	6.7	7.1	6.9	29.2	19.9	24.3	28.2	22.2	24.9
18	7.4	7.2	7.8	7.5	30.4	20.8	25.5	29.4	23.3	26.1
19	7.2	7.1	7.3	7.2	30.3	21.0	25.6	29.4	22.9	26.0
20	7.4	7.7	8.0	7.7	30.8	21.1	26.9	29.9	23.8	26.9
21	58.5	58.3	58.9	58.6	30.3	21.1	26.9	28.2	23.8	26.3
22	8.4	8.1	8.1	8.2	30.6	21.3	27.0	29.9	23.3	26.7
23	6.9	6.5	7.8	7.1	30.8	21.1	28.2	30.4	23.2	27.3
24	8.2	8.0	7.8	8.0	29.6	21.4	25.9	28.7	22.1	25.6
25	7.2	7.4	7.2	7.0	30.5	21.7	28.1	29.3	23.1	26.8
26	57.2	56.4	55.8	56.5	31.6	23.3	27.7	30.9	24.4	27.8
27	6.4	4.0	3.3	4.6	31.1	22.6	27.3	30.2	24.7	27.4
28	3.0	3.1	1.0	2.4	31.6	22.1	28.3	30.8	24.6	27.9
29	6.3	6.3	6.8	6.5	31.4	22.2	28.3	30.1	24.4	27.6
30	7.4	7.0	7.4	7.3	31.4	21.2	27.8	30.7	24.8	27.8
31										
	58.22	58.04	58.16	58.16	21.97	20.88	26. 29	28.83	22.98	26.04

Barometer, range for month 762.3 — 751.0 mm.
,, 71-yr. average for month 757.92 mm.
Thermometer, range for month 31.6°C — 17.9°C
,, 71-yr. average for month 25.62°C.
Rain, total for month 0.00 mm.
,, 71-yrs. average for month 3.26 mm.
,, Tolal, Sept. 1st. to end of month 1200.15 mm.
,, 71-yr. average, Sept. 1st. to end of month 891.41 mm.

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibare				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	25.3	27.0	23.1	25.1	80	74	91	82	12.9	130.0	
2	23.8	27.4	24.6	25.3	83	79	95	86	11.7	108.0	
3	24.9	33.1	26.4	24.8	64	78	87	76	9.5	272.0	
4	27.4	32.7	27.5	29.2	67	74	93	78	11.5	364.0	
5	25.5	26.0	21.4	24.3	78	74	82	78	12.4	175.0	
6	23.7	25.5	21.9	23.7	78	78	88	81	12.8	143.0	
7	24.6	27.3	23.5	25.1	78	74	87	80	12.7	156.0	
8	24.8	26.7	24.2	25.2	76	76	91	81	12.9	272.0	
9	26.0	26.7	23.3	25.3	80	77	90	82	13.0	132.0	
10	24.6	25.3	22.0	24.0	79	72	85	79	5.9	298.0	
11	23.3	26.8	24.0	24.7	73	69	92	78	10.3	290.0	
12	26.9	31.6	23.3	27.3	82	79	91	84	14.0	219.0	
13	28.3	32.8	27.7	29.6	86	80	99	88	13.2	264.0	
14	28.6	33.6	28.2	29.8	85	81	94	87	12.6	233.0	
15	29.8	33.1	26.6	29.8	87	78	93	86	12.9	299.0	
16	25.5	27.5	25.0	26.0	78	71	90	80	12.7	248.0	
17	23.7	26.8	24.8	25.1	78	70	92	80	12.4	259.0	
18	25.5	32.0	27.3	28.3	79	78	95	84	11.5	383.0	
19	27.6	30.9	25.7	28.1	84	77	93	85	13.0	607.0	
20	27.9	33.1	27.5	29.5	79	78	92	83	12.9	394.0	
21	29.1	32.4	25.9	29.1	82	82	90	85	12.8	430.0	
22	29.9	29.2	25.9	28.3	83	70	90	81	12.7	190.0	
23	30.3	26.9	25.2	27.1	78	63	88	76	13.0	195.0	
24	27.0	29.3	25.5	27.3	69	74	95	83	12.9	304.0	
25	30.0	31.2	25.2	28.8	79	76	88	81	13.2	249.0	
26	32.5	26.3	30.7	33.2	86	80	99	88	12.6	657.0	
27	31.1	34.7	30.2	32.0	86	81	96	88	12.9	871.0	
28	30.5	34.7	29.2	31.5	79	77	94	83	12.0	338.0	
29	32.1	33.9	28.5	31.5	83	79	93	85	12.8	174.0	
30	31.4	31.9	28.0	30.4	84	72	88	81	13.0	377.0	
31											
	27.39	30.21	25.74	27.67	79.8	75.7	91.4	82.3	12.29	303.03	0.00

Height of Barometer above sea level: 33.7 meters.

,, ,, Thermometers above ground:

Dry and wet 1.55 m ; Max. 1.75 m.; Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of reading minus 2 hours equal G.C.T.

71year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8.30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	0	0.0	2sw	2sw	0	light	
2	0	0	0	0.0	1w	1n	0	calm	
3	0	10ci-st	0	3.3	1sw	2se	0	light	Sky hazy, p.m.
4	0	0	10st	3.3	1sw	2sw	1sw	,,	
5	0	5cu-ci	7cu-ci	4.0	2w	3nw	1w	,,	
6	3cu	2cu-ci	8cu	4.3	1w	1nw	1nw	calm	
7	2cu	7cu-ci	9cu-st	6.0	1sw	1nw	1w	,,	
8	0	3cu-ci	3ci	2.0	1sw	2n	1n	light	
9	0	0	0	0.0	1ne	1n	0	slight	
10	1cu-ci	10cu	8cu	6.3	1w	2w	0	light	
11	0	0	0	0.0	2sw	2w	0	light	
12	0	0	0	0.0	2sw	2w	0	,,	
13	0	0	0	0.0	2sw	1w	0	,,	
14	0	0	0	0.0	2sw	1sw	0	,,	
15	0	0	0	0.0	4sw	1sw	1sw	,,	
16	0	0	9cu	3.0	1sw	1sw	1sw	light	
17	4cu	0	3cu	2.3	1w	2w	1w	,,	
18	0	0	0	0.0	2sw	1sw	1sw	,,	
19	0	0	0	0.0	4sw	3sw	0	slight	
20	0	0	0	0.0	3sw	3sw	0	light	
21	1ci	1ci	0	0.7	3sw	3w	2sw	light	
22	0	0	0	0.0	2sw	2w	1sw	,,	
23	0	0	0	0.0	1ne	2ne	1n	slight	
24	0	0	0	0.0	2nw	2sw	0	light	
25	1cu	0	0	0.3	1ne	2ne	1ne	slight	
26	0	0	0	0.0	1sw	2sw	2sw	slight	
27	0	0	0	0.0	3sw	2sw	3sw	,,	
28	0	4ci	0	1.3	3sw	2w	1sw	,,	
29	2cu	1ci	0	1.0	2sw	2w	0	,,	
30	0	0	0	0.0	2sw	2sw	0	,,	
31									
				1.26					

Abbreviations :— G = gale; H = haze; M = mist; T = thunderstorm; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	3	0	0	0	21	5	1	0	30
14:30	3	2	0	1	0	12	9	3	0	30
20:30	2	1	0	0	0	9	3	1	14	30
Total	5	6	0	1	0	42	17	5	14	90

Number of days with rain 0, fog 0, thunderstorms 0, gale 0.

71 yr. av. number of days with rain during month 0.79